

Virginia Division of Consolidated Laboratory Services

PARTICULATE MATTER EMISSIONS FROM STATIONARY SOURCES EPA METHOD 17					
Facility Name: _____ VELAP ID: _____					
Assessor Name: _____ Analyst Name: _____ Inspection Date: _____					
Relevant Aspect of Standards	Method Reference	Y	N	N/A	Comments
Records Examined: SOP Number/ Revision/ Date _____ Analyst: _____					
Sample ID: _____ Date of Sample Preparation: _____ Date of Analysis: _____					
Were 200 to 300 g of silica gel placed in airtight containers, and those airtight containers weighed to the nearest 0.5 g?	Method 5 8.1.1.1				
Were filters desiccated at 20 ± 5.6°C for at least 24 hours or at 105°C for 2 to 3 hours with weight changes being confirmed to be ≤0.5 mg?	Method 5 8.1.3				
Were sample trains checked for leaks?	8.1.4				
Were portions of acetone that were taken to the field saved as blanks?	8.2.5				
Was container one desiccated for 24 hours or dried at 104°C for 2 to 3 hours?	Method 5 11.2.1				
If desiccated for 24 hours, was container one weighed to constant weight until the difference was less than 0.5 mg or 1% with no less than 6 hours between weighings?	Method 5 11.2.1				
Was container two desiccated for 24 hours and weighed to a constant weight?	Method 5 11.2.2				
Was the spent silica gel weighed to the nearest 0.5 g using a balance?	Method 5 11.2.3				
Was each probe nozzle identified permanently and uniquely?	Method 5 10.1				
Were three ID measurements of each probe nozzle taken with the differences between the high and low measurements never exceeding 0.1 mm?	Method 5 10.1				
Were metering systems calibrated before initial use with at least three orifice settings to bracket the expected field range, and the results of the calibrations recorded?	Method 5 10.3.1				
Were the metering systems calibrated after each use, and the average value of the DGM calibration average not differing from the initial DGM calibration average by more than 5%?	Method 5 10.3.2				
Were thermometers and barometers calibrated against mercury thermometers and mercury barometers?	10.5, 10.6				
Notes/ Comments:					